

SEQUENCE LISTING

<110> National Institute of Advanced Industrial Science and Technology
Nippon, Co. Ltd.

<120> Chimera mouse for Bradeion gene having the inhibited expression

<130> PH-1500-PCT

<140> PCT/JP2002/010599

<141> 2002-10-11

<160> 4

<170> PatentIn Ver. 2.0

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<211> 1649

<212> DNA

<213> Mus musculus

<220>

<221> CDS

<222> (36)..(1472)

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His Phe Leu Glu Asp Ser Ser Asp Asp Ala Glu Leu Ser Lys Phe Val	
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Lys Asp Phe Pro Gly Ser Glu Pro Tyr His Ser Ala Glu Ser Lys Thr	
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Arg Val Ala Arg Pro Gln Ile Leu Glu Pro Arg Pro Gln Ser Pro Asp	
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Leu Cys Asp Asp Asp Val Glu Phe Arg Gly Ser Leu Trp Pro Gln Pro	
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tct gac agt cag cag tac ttc agt gcc cca gcc cct ctc agc cct tcc	341
Ser Asp Ser Gln Gln Tyr Phe Ser Ala Pro Ala Pro Leu Ser Pro Ser	
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tcc agg ccc cgc agt cca tgg ggc aag ctt gat cct tat gat tcc tct	389
Ser Arg Pro Arg Ser Pro Trp Gly Lys Leu Asp Pro Tyr Asp Ser Ser	
105 110 115	

gag gat gac aag gag tat gtg ggc ttt gca acc ctc ccc aat caa gtc	437
Glu Asp Asp Lys Glu Tyr Val Gly Phe Ala Thr Leu Pro Asn Gln Val	
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His Arg Lys Ser Val Lys Lys Gly Phe Asp Phe Thr Leu Met Val Ala	
135 140 145 150	
 gga gaa tct ggt ctg ggt aaa tcc act ctt gtc aac agc ctc ttc ctc	533
Gly Glu Ser Gly Leu Gly Lys Ser Thr Leu Val Asn Ser Leu Phe Leu	
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Thr Asp Leu Tyr Arg Asp Arg Lys Leu Leu Gly Ala Glu Glu Arg Ile	
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Met Gln Thr Val Glu Ile Thr Lys His Ala Val Asp Ile Glu Glu Lys	
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Gln Gln Phe Glu Gln Tyr Phe Arg Asp Glu Ser Gly Leu Asn Arg Lys
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His Gln Arg Val Asn Ile Val Pro Ile Leu Ala Lys Ala Asp Thr Leu
280 285 290

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Thr Pro Pro Glu Val Asp Arg Lys Lys Cys Lys Ile Arg Glu Glu Ile
295 300 305 310

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315 320 325

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Arg Asn Arg Asn Lys Leu Thr Arg Glu Ser Gly Thr Asp Phe Pro Ile			
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Pro Ala Val Pro Pro Gly Thr Asp Pro Glu Thr Glu Lys Leu Ile Arg			
	440	445	450
gag aaa gac gaa gag ctg cgg cgg atg cag gag atg tta cac aaa atc 1445			
Glu Lys Asp Glu Glu Leu Arg Arg Met Gln Glu Met Leu His Lys Ile			
455	460	465	470

caa aga cag atg aag gag act cac taa ctggcttttg gacctgaata 1492
 Gln Arg Gln Met Lys Glu Thr His

475

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<213> Mus musculus

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Met Asp Arg Ser Leu Gly

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10

15

20

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Arg Phe Leu Glu Asp Thr Thr Asp Asp Gly Glu Leu Ser Lys Phe Val

25

30

35

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Lys Asp Phe Ser Gly Asn Ala Ser Cys His Pro Pro Glu Ala Lys Thr

40

45

50

tgg gca tcc agg ccc caa gtc ccg gag cca agg ccc cag gcc ccg gac 306

Trp Ala Ser Arg Pro Gln Val Pro Glu Pro Arg Pro Gln Ala Pro Asp

55

60

65

70

ctc tat gat gat gac ctg gag ttc aga ccc ccc tcg cgg ccc cag tcc 354

Leu Tyr Asp Asp Asp Leu Glu Phe Arg Pro Pro Ser Arg Pro Gln Ser

75

80

85

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Ser Asp Asn Gln Gln Tyr Phe Cys Ala Pro Ala Pro Leu Ser Pro Ser

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Cys Val Cys Val Cys Leu Cys Val Cys Val Ser Gly Thr Tyr Phe Ser				
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